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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/723,240			
Filing Date	November 26, 2003			
First Named Inventor	James V. Howard			
Art Unit	2624			
Examiner Name	J. B. Strege			
Attorney Docket Number	38820-526002US			

			1	DOCUMENTS	T	Т
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		CA-2235005-A1	05-15-1997	Orion Corp		T
		CA-2469956	07-10-2003	Digimarc Id Systems Llc		T
		CA-2470094	06-26-2003	Digimarc Id Systems Llc		Ī
		CN-1628294-A	06-15-2005	Timelab Corp		T
		CN-1628318-A	06-15-2005	Digimarc Id Systems Llc		Ī
		CN-1647428-A	07-27-2005	Nokia Corp		T
		CN-1664695-A	09-07-2005	Bose Corp		T
		DE-2943436	05-07-1981	Szepanski Wolfram Dr Ing		T
		DE-3738636	06-01-1988	Toshiba Kawasaki Kk		Ī
		DE-3806411-A1	09-07-1989	Thomson Brandt Gmbh		r
		DE-4403513-A1	08-10-1995	Giesecke & Devrient Gmbh		Ī
		DE-69406213	03-19-1998	KONISHIROKU PHOTO IND		Ī
		DE-9315294	02-17-1994	HOELSCHER KURT		Ī
		EP-0157568	10-09-1985	Ici Plc		Ī
		EP-0233296	08-26-1987	Fuji Rubber Co Ltd		Ī
		EP-0279104	08-24-1988	Seiko Instr Inc		Γ
		EP-0280773	09-07-1988	Ibm		Γ
		EP-0336075-A1	10-11-1989	Grimme Landmaschf Franz		Ĩ
		EP-0356980	03-07-1990	Eastman Kodak Co		Î
		EP-0356981	03-07-1990	Eastman Kodak Co		Ī
		EP-0356982	03-07-1990	Eastman Kodak Co		Ī
		EP-0362640	04-11-1990	Eastman Kodak Co		Ī
		EP-0366075-A2	05-02-1990	Toshiba Kk		Ī
		EP-0366923	05-09-1990	Eastman Kodak Co		Î
		EP-0373572	06-20-1990	Eastman Kodak Co		Ī
		EP-0374835	06-27-1990	Eastman Kodak Co		Ť
		EP-0420613	04-03-1991	Toyo Ink Mfg Co		T
		EP-0446834	09-18-1991	Eastman Kodak Co		Γ
		EP-0446846	09-18-1991	Eastman Kodak Co		r
		EP-0464268-A1	01-08-1992	Agfa Gevaert Nv		r
		EP-0465018	01-08-1992	Digital Equipment Corp		Ī
		EP-0479265	04-08-1992	Dienes Apparatebau Gmbh		Ī
		EP-0523304	01-20-1993	Epc Technology Co Ltd	191	T
		EP-0524140-A1	01-20-1993	Ssm Ag		T

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				Art Unit	2624	
	(Use as many sheets as necessary)			Examiner Name	J. B. Strege	
Sheet	2	of	19	Attorney Docket Number	38820-526002US	

	EP-0539001	04-28-1993	Minnesota Mining & Mfg	
	EP-058482-A1	08-25-1982	British Telecomm	
	EP-0636495	02-01-1995	Konishiroku Photo Ind	
	EP-0637514	02-08-1995	Nippon Kayaku Kk et al.	
	EP-0649754		Fuji Photo Film Co Ltd	
	EP-0696518	02-14-1996	Fuji Photo Film Co Ltd	
	EP-0697433-A1	02-21-1996	Gen Electric	
	EP-0734870	10-02-1996	Fuji Photo Film Co Ltd	
	EP-0736860	10-09-1996	Kodak Ltd et al.	
	EP-0739748	10-30-1996	Minnesota Mining & Mfg	
	EP-0926608	06-30-1999	Northern Telecom Ltd	
	EP-0982149	03-01-2000	Dainippon Printing Co Ltd	
	EP-0991014	04-05-2000	Toppan Forms Co Ltd	
	EP-1013463-A2	06-28-2000	Alps Electric Co Ltd	
	EP-1017016	07-05-2000	Eastman Kodak Co	
	EP-1035503	09-13-2000	Sihl Gmbh	
	EP-1046515-A1	10-25-2000	Mbna America Bank N A	
	EP-111075-A2	06-20-1984	Ibm	
	EP-1110750-A2	06-27-2001	Toshiba Kk	
	EP-1410315	04-21-2004	Digimarc Id Systems Llc	
	EP-1456810-A1	09-15-2004	Digimarc Id Systems Llc	
	EP-1459239-A1	09-22-2004	Digimarc Id Systems Llc	
·	EP-1546798-A1	06-29-2005	Digimarc Id Systems Llc	
	EP-1550077-A2	07-06-2005	Digimarc Id Systems Llc	
	EP-1564673-A2	08-17-2005	United Parcel Service Inc	
	EP-1565857-A2	08-24-2005	Tradebeam Inc	
	EP-1603301-A1	12-07-2005	Res In Motion	
	EP-1618521-A2	01-25-2006	Itg Software Solutions Inc	
	EP-190997-A2	08-13-1986	Ciba Geigy Ag	
	EP-1909971-A2	04-16-2008	Schott Ag	
	EP-372601-A1	06-13-1990	Philips Nv	
	EP-411232-A2	02-06-1991	Ibm	
	EP-441702-A1	08-14-1991	Telediffusion Fse	
	EP-493091-A1		Xerox Corp	
	EP-581317-A2		Interactive Home Systems	
-	EP-629972-A2		Hewlett Packard Co	
	EP-642060-A2		Toshiba Kk	
	EP-650146-A1		Eastman Kodak Co	

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Sut	Substitute for form 1449/PTO			Complete if Known		
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				Art Unit	2624	
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Sheet	3	of	19	Attorney Docket Number	38820-526002US	

 EP-705025-A2	04-03-1996	Eastman Kodak Co	
 GB-1088318-A	10-25-1967	Gen Electric	
GB-1213193-A	11-18-1970	Eizo Komiyama	
GB-1472581-A	05-04-1977	Licentia Gmbh	
GB-2063018-A	05-28-1981	Gen Electric Co Ltd	
GB-2067871-A	07-30-1981	Marconi Co Ltd	
 GB-2132136	07-04-1984	Metal Box Pic	1 7
GB-2204984-A	11-23-1988	Jenkins John Henry	
GB-2227570	08-01-1990	Ciba Geigy Ag	
GB-2240948-A	08-21-1991	Sunman Peter Robert Peter	
GB-2325765-A	12-02-1998	Ibm	16.
JP-03-239595-A	10-25-1991	Dainippon Printing Co Ltd	
JP-03126589	05-29-1991	Fuji Photo Film Co Ltd	
JP-09064545-A	03-07-1997	Taiyo Ink Mfg Co Ltd	
JP-10171758-A	06-26-1998	Neolex Kk	
 JP-10177613-A	06-30-1998	Nippon Electric Co	
JP-10197285		Tsubasa Syst Kk	
JP-10214283		Tsubasa Syst Kk	
JP-11161711		Tsubasa System Kk	
JP-11259620-A		Dainippon Printing Co Ltd	
JP-11301121		Toppan Printing Co Ltd	
JP-11321166		Dainippon Printing Co Ltd	
JP-2000-292834-A		Toshiba Corp	
JP-2001-058485-A	03-06-2001		
JP-2004355659	12-16-2004	Konica Minolta Holdings Inc	
JP-2005276238		Konica Minolta Holdings Inc	
JP-2005525254	08-25-2005		
 JP-2005525949	09-02-2005		
 JP-2006190331	07-20-2006	Konica Minolta Holdings Inc	
 JP-3-185585-A		Toshiba Corp	
JP-3115066-A	05-16-1991	Murata Machinery Ltd	
 JP-4-248771-A		Ntt Data Tsushin Kk	
 JP-5-242217-A	09-21-1993	Nec Software Kobe	
JP-6234289		Hitachi Maxell	
 JP-63146909		Showa Denko Kk	
JP-7088974		Konishiroku Photo Ind	
JP-7115474-A	·	Fujitsu Ltd et al.	
 WO-00/036593-A2		Solomon Merrill	

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				Art Unit	2624	
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 WO-00/10116-A1	02-24-2000	Lau Technologies	
 WO-00/16984-A1	03-30-2000	Polaroid Corp	
 WO-00/43214-A1	07-27-2000	Gen Electric Co Plc	
WO-00/45344-A1	08-03-2000	Bank Of England et al.	
WO-00/78554-A1	12-28-2000	Dmc2 Degussa Metals Catalysts	
WO-01/00719-A1	01-04-2001	Dsm Nv et al.	
WO-01/29764-A1	04-26-2001	Bundesdruckerei Gmbh et al.	
WO-01/43080-A1	06-14-2001	Sun Microsystems Inc et al.	1 1/2
WO-01/45559-A1	06-28-2001	3m Innovative Properties Co	
WO-01/56805-A1	08-09-2001	Polaroid Corp	
WO-01/95249-A2	12-13-2001	Optaglio Ltd et al.	
 WO-01/96112-A1	12-20-2001	3m Innovative Properties Co	
WO-02/26507-A1	04-04-2002	Orga Kartensysteme Gmbh et al.	
WO-02/27647-A1	04-04-2002	Orga Kartensysteme Gmbh et al.	
WO-02/42371-A2	05-30-2002	Tyco Electronics Corp	
WO-02/52499-A2	07-04-2002	Polaroid Corp	
WO-02/53499-A1	07-11-2002	China Petroleum & Chemical et al.	
WO-02/78965-A1	10-10-2002	Orga Kartensysteme Gmbh et al.	
WO-02/96666-A1	12-05-2002	Ici Plc et al.	
WO-0245969	06-13-2002	Fryco Ltd et al.	
 WO-03/05291-A1	01-16-2003	Digimarc Corp et al.	
 WO-03/30079-A2	04-10-2003	Digimarc Id Systems Llc et al.	
WO-03/55684-A2	07-10-2003	Digimarc Id Systems Llc et al.	
WO-03/56500-A1	07-10-2003	Digimarc Id Systems Llc et al.	
WO-03/56507-A1		Digimarc Id Systems Llc et al.	
WO-03/95210-A2		Digimarc Id Systems Llc et al.	
WO-03/96258-A2		Digimarc Id Systems Llc et al.	
WO-04/042512-A2	05-21-2004	 	
WO-04/097595-A2	11-11-2004	Itg Software Solutions Inc et al.	
WO-19980019869	05-14-1998	INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.	
WO-19980030224	07-16-1998	TAYCA CORPORATION	
WO-20000043215	07-27-2000	TAN	

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				Art Unit	2624	
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WO-20000043216	07-27-2000	INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.	
WO-2004/025365-A1	03-25-2004	Digimarc Id Systems LIc et al.	
 WO-2004/028943-A2	04-08-2004	Rieter Icbt et al.	
 WO-2004/34236-A2		Digimarc Corp et al.	
WO-2004/49242-A2	·	Digimarc ld Systems et al.	
WO-82/04149-A1	11-25-1982	Harrison Sons High Wycombe et al.	
WO-89/00319-A1	01-12-1989	Global Security Ab	
WO-89/08915-A1	09-21-1989	Imperial College	
WO-91/16722-A1	10-31-1991	Loctite Luminescent Syst	
WO-94/27228-A1		Apple Computer	
WO-95/10835-A1	04-20-1995	Mitsubishi Nuclear Fuel et al.	
WO-95/13597-A2	05-18-1995	De La Rue Thomas & Co Ltd et al.	
WO-95/14289-A2	05-26-1995	Pinecone Imaging Corp et al.	
WO-95/20291-A1	07-27-1995	Mor Ltd et al.	
WO-96/03286-A1	02-08-1996	Int Data Matrix Inc	
WO-96/27259-A1	09-06-1996	Highwater Fbi Limited et al.	
WO-96/36163-A2	11-14-1996	Digimarc Corp et al.	
WO-97/01446-A1	01-16-1997	Bayer Ag et al.	
WO-97/18092-A1	05-22-1997	Orell Fuessli Banknote Enginee et al.	
WO-97/32733-A1	09-12-1997	Eastman Chem Co	
WO-97/43736-A1	11-20-1997	Digimarc Corp et al.	
WO-98/14887-A1	04-09-1998	Motorola Inc et al.	
WO-98/20642-A1	05-14-1998	Motorola Inc et al.	
 WO-98/24050-A1	06-04-1998	Metrologic Instr Inc et al.	
WO-98/40823-A1	09-17-1998	Elonex Pic et al.	
WO-98/49813-A1	11-05-1998	Parry Rhys Evan	
WO-99/24934-A1	05-20-1999		
WO-99/34277-A2	07-08-1999	Interval Research Corp	

Examiner	Date	· · · · · · · · · · · · · · · · · · ·	
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		NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, and/or country where published.							
		"@ Fault A Commitment to Consistency," Computer Sciences Corporation, Copyright 2000, pp. 1-2.							
		"About Card Printing How it Works", http://www.racoindustries.com/aboutcardp5.htm , pps 1-3 (12/22/02)							
		"Access Control and Copyright Protection for Images WorkPackage 8: Watermarking " Jun. 30 1995, 46 pages.							
		"Access Control and Copyright Protection for images, Conditional Access and Copyright Protection Based on the Use of Trusted Third Parties", 43 pages (1995)							
		"Access Control and Copyright Protection for Images, WorkPackage 1: Access Control and Copyright Protection for Images Need Evaluation," Jun., 1995, 21 pages.							
		"Access Control and Copyright Protection for Images, WorkPackage 3: Evaluation of Existing Systems," Apr. 19, 1995, 68 pages.							
		"Accident Reconstruction Software Maine Computer Group," Maine Computer Group, Copyright 2001, updated 10/01/2001, Accessed 10/29/2001, pp. 1-2.							
		"ADP CSG: Integrated Medical Solutions," ADP Claims Solutions Group, Copyright 2001, Accessed 10/30/2001, p.1.							
		"Authentication and Security Technologies," I/O Software, Inc., Accessed 10/10/2002, 4 pages.							
		"Biometric Access Control System, Face and Fingerprint Recognition," BioAxs 9800, not dated 4 pages.							
		"CSC Expands Cost Containment Solutions for Claims and Legal Expenses," Computer Sciences Corporation, June 27, 2001, El Segundo, CA, pp.1-2.							
		"CSC Files Suit to protect Intellectual Property", PR Newswire, New York: January 12, 2000, page 1							
		"CSC Introduces Liability Assessment Tool to Improve Claims Consistency," Computer Science Corporation, October 31, 2001, pp.1-2.							
		"CSC: Solutions Search," Computer Sciences Corporation, Copyright 2001, Accessed 10/30/2001 p.1							
		"Cyphertech Systems: Introduces Digital Encoding Device to Prevent TV Piracy," Hollywood Reporter, Oct. 20, 1993, p. 23.							
		"Facelt an Award-Winning Facial Recognition Software Engine," Visionics, not dated, 1 page.							

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

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	(Use as many s	heets as	necessary)	Examiner Name	J. B. Strege	
Sheet	7	of	19	Attorney Docket Number	38820-526002US	

 "Facelt Identification SDK," Identix, Inc., Accessed 10/07/2002, 2 pages.
"Facial Scan Technology: How it works," Facial-Scan, 1999, 4 pages.
"Facial Scan Vendors and Links," Facial-Scan, 1999, 3 pages.
 "Foiling Card Forges With Magnetic Noise," Wall Street Journal, Feb. 8, 1994.
 "Frequently Asked Questions," Facelt software, Accessed 10/10/2002, 13 pages.
 "High Water FBI Limited Presentation Image Copyright Protection Software," FBI Ltd. brochure, Jul., 1995, 17 pages.
"ID-2000-Image Detection & Biometric Facial Recognition," 2000, 3 pages.
"Identification Solutions-Driver's Licenses and passports," Image Technologies, Copyright 2001-2002, Accessed 10/10/2002, 1 page.
"IMS ICE," ADP Integrated Medical Solutions, Copyright 2001, Rockville, MD, pp.1-6.
"Insurance Services Office Strengthens Claims Handling Team," ISO Properties, Inc., Copyright 1996, Accessed 07/13/2009, Jersey City, NJ, pp. 1-3.
"Introducing Smart CCTV," Facelt, Visionics, 2000, 8 pages.
"ISO Claims Outcome Advisor," ISO Properties, Inc., Copyright 1996, Accessed 10/30/2001, Jersey City, NJ, pp. 1-2.
"ISO to Acquire Claims Outcome Advisor from Computer Sciences and MYND," December 21, 2000, accessed at www.swampfox.ws http://www.swampfox.ws
"Lenticular - How it Works", The Vision - Sales Articles from 1998
"Lenticular Prints", http://www.shortcourses.com/how/lenticular/lentcular.htm ", pps. 1-6 (12/16/02)
"NABCyphertech Starts Anti-Piracy Broadcast Tests," Newsbytes, NEW03230023, Mar. 23, 1994.
"Polaroid's Polaprime UV Invisible Ink System Winks at Hollywood As Godzilla's Eye in Promo Display", http://www.polaroid.com/polinfo/press releases/august98/080598a.html>., pps. 1-2 (11/26/02)
"Policy Management Systems Corporation Announces Pilot Licensing of Claims Outcome Advisor™ to Blue Ridge Insurance Co.," PR Newswire. New York; August 24, 1999, page 1
"REC-TEC Accident Reconstruction and Analysis Computer Software,' George M. Bonnett, November 2001, Rockledge, FL, pp.1-5
"REC-TEC Accident Reconstruction Software," George M. Bonnett, September 2001, Rockledge FL, pp. 1-10.
"Secure ID Center: Design a Secure ID card Key technologies for a secure ID", http://www.datacard.com/secureid/secureid_card_technologies_features.shtm , pps. 1-5 (12/12/02)
"Technologies Overview", ", pps. 1-2 (12/22/02)
"The Copyright Can of Worms Opened Up By The New Electronic Media," Computergram Internations, pCGN07170006, Jul. 17, 1995 and The Copyright Can of Worms Opened Up By the New Electronic Media-2, Computergram Internations, pCGN07210008, Jul. 21, 1995, 3
 the New Electronic Media-2, Computergram Internations, pCGN07210008, Jul. 21, 1995, 3 pages.

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Sheet	8	of	19	Attorney Docket Number	38820-526002US	

	"U.S. Unveils New \$20 Note With Background Colors", U.S. Bureau of Engraving and Printing	
	New Money Media Center, 2 pages (07/28/2003)	_
	"We're Watching Out for You," Business Solution, Accessed 10/10/02, 3 pages.	_
	"Welcome to Orasee Corporation", http://www.orasee.com/one/main.php3 ", pps. 1-2, (12/13/02)	_
	"What are 'Dye Sublimation Thermal Printers'? (Technology)", http://www.nfive.com/Articles/2.htm , pps. 1-2 (12/22/02)	
	@Fault: Improve Claims Practices Through Greater consistency in Fault Assessment, Computer Sciences corporation, pgs. 2, 2004. (g53)	
	Amended claims from WO/056507, corresponding to those in EP 02 805 980.6, April 24, 2008.	Ξ
	Appeal Brief filed April 11, 2008 and Examiner's Answer dated May 7, 2008 from US Application No. 10/893,149	
	Arachelian, "White Noise Storm," Apr. 11, 1994, Internet reference, 13 pages.	_
	Arthur, "Digital Fingerprints Protect Artwork," New Scientist, Nov. 12, 1994, p. 24.	Ξ
	August 16, 2007 communication from the Canadian Intellectual Property Office in Application No. 2,470,600, and a February 15, 2008 Amendment in response thereto.	
	Baker, "Don't Throw Your Adjusters to the Lions", Best's Review, 95(12):66-69 (1995)	
	Banking Connections, Computer Sciences Corporation, April/May 1999, 44 pages.	Ī
	Banking Connections, Computer Sciences Corporation, April/May 2000, 48 pages.	_
	Banking Connections, Computer Sciences Corporation, August/September 1999, 52 pages.	_
	Banking Connections, Computer Sciences Corporation, December/January 2000 48 pages.	_
Ī	Banking Connections, Computer Sciences Corporation, November/December 2000, 48 pages.	_
	Bender et al., "Techniques for Data Hiding, " Massachusetts Institute of Technology, Media Laboratory, Jan, 1995, 10 pages.	
	Boland et al, "Watermarking Digital Images for Copyright Protection, "Fifth International Conference on Image Processing and its Applications, Conference Date 4-6 Jul. 1995, Conf. Publ. No. 410, pp.326-330.	
	Borland, "Running Microsoft Outlook 97", Microsoft Press, (1997)	_
	Bovik, "Handbook of Image and Video Processing," Academic Press, 2000, pp. 133-136, 154, 155	
	Brassil et al., "Electronic Marking and Identification Techniques to Discourage Document Copying, Proceedings of INFOCOM '94 Conference on Computer, IEEE Commun. Soc Conference, Jun. 12-16, 1994, 1278-1287.	
	Brown, "S-Tools for Windows, Version 1.00, COPYRGT. 1994 Andy Brown, What is Steganography," Internet reference, Mar. 6, 1994, 6 pages.	_
	Bruckstein, A.M.; Richardson, T.J., A holographic transform domain image watermarking method, Circuits, Systems, and	
	Canadian Patent application 2,469,938, claims as filed, with effective filing date of 12/20/2002, 10 pages.	
	Canadian Patent application 2,469,938, Office Action dated July 24, 2006, 2 pages.	_

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sub	estitute for form 1449/PTO			Complete if Known		
				Application Number	10/723,240	
l IN	NFORMATIO	N DI	SCLOSURE	Filing Date	November 26, 2003	
l s	TATEMENT	BY A	APPLICANT	First Named Inventor	James V. Howard	
				Art Unit	2624	
	(Use as many s	heets as	necessary)	Examiner Name	J. B. Strege	
Sheet	9	of	19	Attorney Docket Number	38820-526002US	

r	
	Caronni, "Assuring Ownership Rights for Digital Images," Published in the Proceedings of 'Reliable It Systems,' vis '95 HH. Bruggemann and W. Gerhardt-Hackl (Ed.), Vieweg Publishing Company, Germany, 1995, Jun. 14, 1994, 10 pages.
	Castro et al., "Registration of Translated and rotated Images Using Finite Fourier Transforms," IEEE Transactions on pattern Analysis and Machine Intelligence, vol. PAMI-9, No. 5, Sep. 1987, 700-703.
	Choudhury, et al., "Copyright Protection for Electronic Publishing over Computer Networks," IEEE Network Magazine, Jun. 1994, 18 pages.
	Chow et al., "Forgery and Temper-Proof Identification Document," IEEE Proc. 1993 Int. Camahan Conf. on Security Technology, 11-14 (1993)
	CIGNA P&C Opens National Premises Liability Center, March 1999, PR Newswire, page 1.
	Clariant Masterbatches Division Price Quotation #474938, 11/30/2000, 2 pages.
	Clariant Masterbatches, pricing, #762998, 01/09/2004, 2 pages.
	Clarke, "Invisible Code Tags Electronic Images," Electronic Engineering Times, Jun. 12, 1995, n. 852, p. 42.
	Collins et al., "Using Bar code - Why It's Taking Over", Second Edition, Data Capture Institute, (Contents & Index) (1990)
	Connections to the Americas, Vol. 3, No. 1, CSC Continuum, January 1997, 55 pages.
	Connections to the Americas, Vol. 3, No. 2, CSC Continuum, February 1997, 55 pages.
	Connections to the Americas, Vol. 3, No. 3, CSC Continuum, March 1997, 48 pages.
	Connections to the Americas, Vol. 3, No. 4, CSC Continuum, April 1997, 40 pages.
	Connections to the Americas, Vol. 3, No. 5, Computer Sciences Corporation, May/June 1997, 66 pages.
	Connections to the Americas, Vol. 3, No. 6, Computer Sciences Corporation, July/August 1997, 56 pages.
	Connections to the Americas, Vol. 3, No. 7, Computer Sciences Corporation, September/October 1997, 76 pages.
	Connections to the Americas, Vol. 4, No. 1, Computer Sciences Corporation, January 1998, 64 pages.
	Connections to the Americas, Vol. 4, No. 2, Computer Sciences Corporation, February/March 1998, 50 pages.
	Connections to the Americas, Vol. 4, No. 3, Computer Sciences Corporation, May/June 1998, 48 pages
	Connections to the Americas, Vol. 4, No. 4, Computer Sciences Corporation, September/October 1998, 62 pages.
	Connections, Computer Sciences Corporation, Winter 2001, 39 pages.
	Connections, Computer Sciences Corporation, Summer 2001, 44 pages.
	Connections, Computer Sciences Corporation, Fall 2001, 39 pages.
	Continuum Connections to the Americas, Vol. 1, No. 1, The Continuum Company, Inc., Sept. 1995, 49 pages

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sub	estitute for form 1449/PTO			Complete if Known		
				Application Number	10/723,240	
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				Art Unit	2624	
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Sheet	10	of	19	Attorney Docket Number	38820-526002US	

 · · · · · · · · · · · · · · · · · · ·
Continuum Connections to the Americas, Vol. 2, No. 1, The Continuum Company, Inc., Jan. 1996, 59 pages.
Continuum Connections to the Americas, Vol. 2, No. 2, The Continuum Company, Inc., March 1996, 59 pages.
Continuum Connections to the Americas, Vol. 2, No. 3, The Continuum Company, Inc., May 1996, 51 pages.
Continuum Connections to the Americas, Vol. 2, No. 4, The Continuum Company, Inc., July 1996, 55 pages.
Continuum Connections to the Americas, Vol. 2, No. 5, The Continuum Company, Inc., Sept. 1996, 59 pages.
Continuum Connections, Vol. I, No. 1, The Continuum Company, Inc., November 1991, 16 pages.
Continuum Connections, Vol. I, No. 2, The Continuum Company, Inc., Jan./Feb. 1992, 17 pages.
Continuum Connections, Vol. I, No. 3, The Continuum Company, Inc., March/April 1992, 16 pages.
Continuum Connections, Vol. I, No. 4, The Continuum Company, Inc., July/August 1992, 15 pages.
Continuum Connections, Vol. II, No. 1, The Continuum Company, Inc., Oct/Nov. 1992, 16 pages.
Continuum Connections, Vol. II, No. 2, The Continuum Company, Inc., Dec./Jan. 1993, 24 pages.
Continuum Connections, Vol. II, No. 3, The Continuum Company, Inc., March/April 1993, 16 pages.
Continuum Connections, Vol. II, No. 4, The Continuum Company, Inc., July/August 1993, 16 pages.
Continuum Connections, Vol. II, No. 5, The Continuum Company, Inc., Nov./Dec. 1993, 20 pages.
Continuum Connections, Vol. II, No. 6, The Continuum Company, Inc., Jan./Feb. 1994, 19 pages.
Continuum Connections, Vol. III, No. 1, The Continuum Company, Inc., March/April 1994, 24 pages.
Continuum Connections, Vol. III, No. 2, The Continuum Company, Inc., Nov./Dec. 1994, 20 pages.
Continuum Connections, Vol. III, No. 3, The Continuum Company, Inc., March/April 1995, 16 pages.
Continuum Connections, Vol. III, No. 4, The Continuum Company, Inc., Oct./Nov. 1995, 24 pages.
Cost Containment: Products and Solutions for the Property and Casualty Insurance Industry, Computer Science Corporation, October 1999, 40 pages.
Datacard DCL30, "The Most Secure Card Personalization System for ID Programs, " 2002, 3

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Su	bstitute for form 1449/PTO			Complete if Known		
				Application Number	10/723,240	
11	NFORMATION	1 DI	SCLOSURE	Filing Date	November 26, 2003	
S	TATEMENT I	3Y /	APPLICANT	First Named Inventor	James V. Howard	
				Art Unit	2624	
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Sheet	11	of	19	Attorney Docket Number	38820-526002US	

r	· · · · · · · · · · · · · · · · · · ·
	pages.
	Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical
	Engineering, Trinity College Dublin, 47 pages, Oct. 1994.
1	Davis, "Knowledge on the Beat," July 1999, Knowledge Management Magazine,
	www.destinationkm.com www.destinationkm.com .
- 1	Ditek@http://www.archive.org/web/20000301124742/www.ditec.com
1	<mailto:ditek@http: 20000301124742="" web="" www.archive.org="" www.ditec.com="">, last viewed on</mailto:ditek@http:>
	Nov. 28, 2005.
	effekte, "Plastics on the Rise", 3/2001, 12 pages.
	EM Industries Inc., "Lazer Flair LS Series Pigments, 12/11/02, 3 pages.
	EP 01992398.6 first examination report, dated January 7, 2005.
	EP 01992398.6 notice of grant, dated November 28, 2005
	EP 01992398.6 response to first examination report, dated July 18,2005
<u> </u>	EP02797041.7 Search Report, march 19, 2007, 3 pages
	EP02797041.7, communication pursuant to Article 94(3) EPC, dated December 28, 2007, of
	related EP counterpart application, 6 pages
	Esters, "Computers Can Help Settle Auto Claims" April 28, 1997, National Underwriter. Vol.
	101, Iss. 17, page 10
	Examiner's Report dated 05/02/06, from CA Application No. 2,470,600 (corresponding to
	PCT/US02/41681; Published as WO03/056507).
	Facelt, "Real Time Facial Surveillance and Identification System," Accessed 10/10/2002, 5
	pages
	Facelt-Hands off, continuous and in real-time," Visionics, not dated, 1 page.
-	Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed April
	1, 2008
	Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed
	September 21, 2006
	Fitzgerald, "Invisible Digital Copyright ID," Editor & Publisher, Jun. 25, 1994, p. 62.
	Frey, Joe, "Putting a price on auto injuries: How software called Colossus evaluates your
	pain," Insure.com, October 26, 2000, pp.1-5.
	Friedman, "The Trustworthy Digital Camera: Restoring Credibility to the Photographic Image,"
	IEEE Transaction on Consumer Electronics, vol. 39, No. 4, Nov., 1993, pp. 905-910.
	Graff, "Laser Marking Makes Bigger Imprint in Plastics", 8/11/04, 7 pages.
	Grieco et al., "Behind Bars - Bar Coding Principles and Applications", PT Publication, Inc.,
	(Table of Contents and Index) (1989)
	Harts, "Reel to Real: Should You believe What You See?" Defense Counsel Journal, October
	1999, Vol. 66. p. 514 from the Dialog File ABI/Inform Global
	Hecht, "Embedded Data Glyph Technology for Hardcopy Digital Documents," SPIE vol. 2171,
	Feb. 1994, pp. 341-352.
	Hill, "Cure of Thermoset Industrial Coatings", Proc. 2d Pacific Coatings forum, Nov. 1-3, 1997,

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sut	estitute for form 1449/PTO		. "	Complete if Known		
	34444			Application Number	10/723,240	
11	NFORMATIO!	N DI	SCLOSURE	Filing Date	November 26, 2003	
s	TATEMENT	BY /	APPLICANT	First Named Inventor	James V. Howard	
				Art Unit	2624	
	(Use as many si	heets as	s necessary)	Examiner Name	J. B. Strege	
Sheet	12	of	19	Attorney Docket Number	38820-526002US	

 6 pages.
Hirabayashi et al., "AC Power Electroluminescence Maintenance Improvement", pps. 2449, 2452 (1983)
Holding State in Objects with Microsoft Transaction Server, Microsoft Corp., pgs. 2, June 1997. (f37)
Hong et al., Integrating Faces and Fingerprints for Personal Identification, IEEE Trans. On Pattern Analysis and Machine Intelligence, Vol. 20, No. 12, Dec., 1998, pp. 1295-1307.
Howarth, B., "Outsourcing: Technology on tap", Information Economy, BRW, 21(47):1-5 (1998)
Hu et al., "Locating head and face boundaries for head-shoulder images", Patern Recognition, 32(8):1317-1333 (1999) 5230001US
Humphrey, "Stamping Out Crime," Hollywood Reporter, Jan. 26, 1994, p. S48
Identix, Inc., "ImageWare Brings Facial Recognition to the Web, press release, Accessed 10/10/2002, 2 pages.
ImageWare Takes Enterprise ID Management to the World Wide Web, new release, Accessed 10/10/2002, 2 pages
Indovina, "Multimodal Biometric Authentication Methods," A COTS Approach, 8 pages.
Insurance Connections, Computer Sciences Corporation, February/March 1999, 52 pages.
Insurance Connections, Computer Sciences Corporation, February/March 2000, 60 pages.
Insurance Connections, Computer Sciences Corporation, June/July 1999, 56 pages.
Insurance Connections, Computer Sciences Corporation, June/July 2000, 43 pages.
Insurance Connections, Computer Sciences Corporation, September/October 2000, 43 pages.
Insurance Connections, Computer Sciences Corporations, October/November 1999, 56 pages.
Jain et al., A Multimodal Biometric System Using fingerprint, Face and Speech, Proc. 2d Int. Conf. on A VBPA, March 1999, pp. 182-187.
Jain, "Image Coding Via a Nearest Neighbors Image Model," IEEE Transactions on Communications, vol. COM-23, No. 3, Mar. 1975, pp. 318-331.
Jarvis, "Are Privacy Rights of Citizens Being Eroded Wholesale?" Accessed 10/04/2002, 5 pages.
JPEG Group's JPEG Software (release 4), FTP.CSUA.BEREKELEY.EDU/PUB/CYPHERPUNKS/APPLICATIONS/JSTEG/JPEG.ANNOU NCEMENT.GZ, Jun. 7, 1993, 2 pages.
Juhl, Randy P., "The OTC Revolution"; Drugtopics.com; March 3, 1997, pp. 1-9.
Kahn, "The Premise Behind Premises Liability" February 1994, Security Management, Vol. 38, Iss.2 pages 61-63
Kanopoulos et al., "Design of an image edge detection filter using the sobel operator", <i>IEEE J. Solid-State Circuits</i> , 23(2):358-367 (1988)
Kassam, Signal Detection in Non-Gaussian Noise, Dowden & Culver, 1988, pp. 1-96.
Kawaguchi et al., "Principle and Applications of BPCS-Streganography," <i>Proc. SPIE</i> , 3258:464-473 (1998)

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sub	stitute for form 1449/PTO			Complete if Known		
	suitate for form 1.110 10		•	Application Number	10/723,240	
l IN	FORMATION	N DI	SCLOSURE	Filing Date	November 26, 2003	
S	TATEMENT	BY A	APPLICANT	First Named Inventor	James V. Howard	
				Art Unit	2624	
1	(Use as many sh	eets as	necessary)	Examiner Name	J. B. Strege	
Sheet	13	of	19	Attorney Docket Number	38820-526002US	

· · ·	
	Koch, et al., "Copyright Protection for Multimedia Data," Fraunhofer Institute for Computer Graphics, Dec. 16, 1994, 15 pages.
	Koch, et al., "Towards Robust and Hidden Image Copyright Labeling," Proc. of 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Jun. 20-22, 1995 4 pages.
	Komatsu et al., "A Proposal on Digital Watermarking in Document Image Communication and Its Application to Realizing a Signature," <i>Electronics and Communications in Japan</i> , 73(5):22-23 (1990)
	Komatsu et al., "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science & Engineering, Waseda Univ., No. 52, 1988, pp. 45-60
	Kurak et al., "A Cautionary Note On Image Downgrading," 1992 IEEE, pp. 153-159.
	Laser Technology, Inc. "Crash/Crime Scene Mapping" @ http://www.lasertech.com/accidentcsinv.html. Copyright 1999.
	Laser Technology, inc. "QuickMap 3D" http://web.archive.org/web/200003011511/222.lasertech.com/laserproducts/qm3d.html, last viewed on Nov 28, 2005
	Lhotka et al., "Lenticular Inkjet Printmaking", http://www.dvpratt.com/evesmind/lentOver.htm", pps. 1-2 (12/16/02)
7	Li et al., "Facial Expression Transformation Based on Sketch Image and Multiscale Edges", Electronics Comm. Japan, 84(9):67-75 (2001)
	Lindberg, Gunnar, "Calculating Transport Accident Costs: Final report of the Expert Advisors to the high Level group on Infrastructure charging (Working Group 3)." Borlaenge, Sweden. April 27, 1999, 53 pages.
	Liu, "A Practical Guide to Biometric Security Technology," 2001 IEEE, Jan/Feb 2001 IT PRO, pp. 27-32.
	Luc, "Analysis of Spread Spectrum System Parameters for Design of Hidden Transmission," Radioengineering, vol. 4, No. 2, Jun. 1995, pp. 26-29.
	Machado, "Announcing Stego 1.0a2, The First Steganography Tool for the Macintosh," Internet reference, Nov. 28, 1993, 3 pages.
	Macq, "Cryptology for Digital TV Broadcasting," Proceedings of the IEEE, vol. 83, No. 6, Jun. 1995, pp. 944-957.
	Madan, "The Face is Familier," 2001, 2 pages.
	Malloy, "Big Time' Match Frame May Be Small, but it has No Problems Working with the Big Boys", San Antonio Business Journal, Vol. 5 No. 11, s1, p. aa, March 15, 1999. Dialog ID Number 0205483 from Dialog File 635 (Business Dateline. RTM.)
	Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture," IMA Intellectual Property Project Proceedings, Jan. 1995, vol, 1, Issue 1, pp. 187-205.
	Matthews, "When Seeing is Not Believing," New Scientist, Oct. 16, 1993, pp. 13-15.
	McHenry, Brian G., "The Algorithms of Crash," Southeast Coast Collision Conference, August 2001, pp. 1-34.
	Mead, "Measuring the value added by technical documentation: A review of research and practice", <i>Technical Comunication</i> , 45(3):353-380 (1998)

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sub	stitute for form 1449/PTO			Complete if Known		
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l IN	IFORMATION	N DI	SCLOSURE	Filing Date	November 26, 2003	
S	TATEMENT I	3Y A	APPLICANT	First Named Inventor	James V. Howard	
				Art Unit	2624	
	(Use as many sh	eets as	necessary)	Examiner Name	J. B. Strege	
Sheet	14	of	19	Attorney Docket Number	38820-526002US	

	Meckbach, "U.S. Universities pick up Ditek's CAD application" February 26, 1999. Computing Canada. Vol. 25, Iss. 8 page 14.
	Merlin, Jr., William F., "Collision Course With The Colossus Program: How to Deal With It," The Merlin Law Group, May 2000, Tampa, FL, pp.1-17.
	Merlin, Jr., William F., "Colossus: What We Know Today," The Merlin Law Group, August 2000, Tampa, FL, pp. 1-8.
	Merlin, Jr., William F., "Overcoming Allstate's TradeSecrets and Work-Product Objections," The Merlin Law Group, March 2000, Tampa, FL, pp. 1-31.
	Mhatre, "Efficient Search and Retrieval in Biometric Databases," not dated 4 pages.
	Microsoft Component Services: Server Operating System A Technology Overview, Microsoft Corp., pg. 1-7, August 15, 1998. (f38)
	Mintzer et al., "Safeguarding Digital library Contents and Users" Digital watermarking," D-Lib Magazine, December 1997: ISSN 1082-9873
	Moller, et al., "Rechnergestutzte Steganographie: Wie sie Funktioniert und warum folglich jede Reglementierung von Verschlusselung unsinnig ist," DuD, Datenschutz und Datensicherung, 18/6 (1994) 318-326.
	Moran, R., "3-D Imagery", http://www.flexography.org/flexo/article.cfm?ID=45 ", pps. 1-3 (12/16/02)
	Multimodal Biometric Systems: Applications and Usage Scenarios, International Biometric Group, 2003, 27 pages. cited by other.
	Nakamura et al., "A Unified Coding Method of Dithered Image and Text Data Using Micropatterns," Electronics and Communications in Japan, Part 1, vol. 72, Nov. 4, 1989, pp. 50-56.
	Nakamura et al., "A Unified Coding Method of Image and Text Data Using Discrete Orthogonal Transform," Systems and Computers in Japan, vol. 21, No. 3, 1990, pp. 87-92.
	Nandakumar, "Score Normalization in Multimodal Biometric Systems, " not dated 2 pages.
	Narin, Geoff, IT and Crime Resolution, It's elementary, Holmes helps UK police solve crimes, Financial Times, 12/3/97, Financial Times (London, UK), pg. 17
T	Nicolle, "Elementary, dear Holmes," January 22, 1997, The Times (London, UK, pg. Interfa)
	Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed April 14, 2009
	Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed August 10, 2005
	Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed August 8, 2007
	Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed March 10, 2006
	October 18, 2007 Communication from the European Patent Office in Application No. EP 02 805 980.6.
	Office Action dated 2/1/07, from Application No. 10/942,321, 10 pages.
	Office Action dated 5/13/08, from Application No. 10/677,092, 5 pages.

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sut	estitute for form 1449/PTO			Complete if Known		
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	NFORMATIO	N DI	SCLOSURE	Filing Date	November 26, 2003	
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				Art Unit	2624	
	(Use as many sh	reets as	necessary)	Examiner Name	J. B. Strege	
Sheet	15	of	19	Attorney Docket Number	38820-526002US	

 Off. A 1'. 1 + 10/00/07 from Application No. 40/077 000 Company
Office Action dated 6/20/07, from Application No. 10/677,092, 6 pages.
Palla, "Classification and Indexing in Large Biometric Databases," 2 Pages.
Palmer, "The Bar Code Book", Third Edition, Helmers Publishing, Inc., (contents & Index) (1995)
Patent abstracts of Japan 03-239595
Patent abstracts of Japan 2001-058485
Paulson, B.A., "High Definition Printing Process for Identification Card Production", ICMA, www.icma.com/info/hdprinting91099.htm http://www.icma.com/info/hdprinting91099.htm , (4/9/02)
PCT - International Search Report for International Application No. PCT/US02/40843, mailed on May 15, 2003
PCT - International Search Report for International Application No. PCT/US03/15095, mailed on March 25, 2004
PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41644, mailed on 30 May 2003
PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41680, mailed on 05 JUN 2003
PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41681, mailed on 05 JUN 2003
PCT - INTERNATIONAL SEARCH REPORT for the International Application No. PCT/US02/41320, mailed on 28 July 2003
PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/40843, mailed on May 15, 2003
PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41644, mailed on 30 May 2003
PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41680, mailed on 05 JUN 2003
PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41681, mailed on 05 JUN 2003
PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for the International Application No. PCT/US02/41320, mailed on 28 July 2003
Pennebaker et al., JPEG Still Image Data Compression Standard, Chapter 3, "Aspects of the Human Visual System," pp. 23-27, 1993 Van Nostrand Reinhold, New York.
Perry et al., "Digital Watermarks as a Security Feature for Identity Documents", <i>Proc. Of SPIE</i> , 3973:80-87 (April, 2000)
Pitas et al., "Applying Signatures on Digital Images," IEEE Workshop on Nonlinear and Signal

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Sub	stitute for form 1449/PTO			Complete if Known		
				Application Number	10/723,240	
IN	IFORMATIO!	N DIS	SCLOSURE	Filing Date	November 26, 2003	
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				Art Unit	2624	
	(Use as many si	heets as	necessary)	Examiner Name	J. B. Strege	
Sheet	16	of	19	Attorney Docket Number	38820-526002US	

Processing, Neos Marmaras, Greece, pp. 460-463, Jun., 1995.
Plastics Technology, "Laser Marking Has a Bright Future in Plastics",
http://www.plasticstechnology.com/articles/200108fa1.html , 8/01, 5 pages.
Port, "halting Highway Robbery on the Internet," Business Week, Oct. 17, 1994, p. 212.
Printed copy of a PolyOne company web page for FAST MARK colorants, 2 printed pages, printed on 15 December 2003 and accessed from: <a 12="" 1995,="" access="" an="" and="" approach,"="" broadcast="" conference,="" control="" copyright="" equicrypt="" equitable="" for="" href="http://www.polyone.com/bizunit/bizunit_info.asp?ID1={4D07B4ED-C098-43E4-B802-21413A1FA74C}&ID2={8C29FDCA-7C9E-433E-897A-DB6354A01CAA}&ID3={000000000000000000000000000000000000</td></tr><tr><td>Property and Casualty Solutions: CSC's Property & Casualty Claims Solutions, Computer Sciences Corporation, pgs. 2, 2003. (g51)</td></tr><tr><td>Rindfrey, " image="" in="" intellectual="" munchen="" new="" of="" oldenbourg="" pages.<="" proc.="" property="" protection="" r.="" rights="" services:="" system="" td="" technologies,="" the="" towards="" verlag="" wien="">
Roberts, "Picture Coding Using Pseudorandom Noise," IRE Trans. On Information Theory, Vol. 8, No. 2, Feb., 1962, pp. 145-154.
Ross, "Information Fusion in Biometrics, "Proc. Of 3 rd Intl Conf. on Audio-and Video-Based Person Authentication, pp. 354-359, June 6-8, 2001.
Ross, "Information Fusion in Biometrics," Proc. of 3.sup.rd Intl Conf. on Audio- and Video-Based Person Authentication, pp. 354-359, Jun. 6-8, 2001. cited by other.
Sandford II, et al., "The Data Embedding Method," SPIE vol. 2615, Oct. 23, 1995, pp. 226-259.
Santroprene, "Add Value to Your TPEs with Special Effects", not dated, 12 pages.
Sapwater et al., "Electronic Copyright Protection," PHOTO>Electronic Imaging, vol. 37, No. 6, 1994, pp. 16-21.
Schneier, "Digital Signatures, Cryptographic Algorithms Can Create Nonforeable Signatures for Electronic Documents, Making Them Valid Legal Instruments" BYTE, No. 1993, pp. 309-312.
Schreiber et al., "A Compatible High-Definition Television System Using the Noise-Margin Method of Hiding Enhancement Information, "SMPTE Journal, Dec. 1989, pp. 873-879.
Scopus and Entrust: Call Center Sales Helper is Unveiled, November 10, 1997; Vol. 162, Issue 217, p.19.
Scopus Introduces World's Most Complete Call Center Solution for Financial Services; PR Newswire dated November 5, 1997.
Seybold Report on desktop Publishing, "Holographic Signatures for Digital Images", Aug., 1995, 1 page
 shaggy@phantom.com, "Hide and Seek v. 4.0," Internet reference, Apr. 10, 1994, 3 pages.
Sheng et al., "Experiments on Pattern Recognition Using Invariant Fourier-Mellin Descriptors," Journal of Optical Society of America, vol. 3, No. 6, Jun., 1986, pp. 771-776.
Short, "Steps Toward Unmasking Secure Communications," International Journal of Bifurcaton and Chaos, Vol. 4, 1994, pp. 959-977.

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Su	bstitute for form 1449/PTO			Complete if Known		
				Application Number	10/723,240	
	NFORMATION	N DI	SCLOSURE	Filing Date	November 26, 2003	
8	TATEMENT I	BY A	APPLICANT	First Named Inventor	James V. Howard	
İ				Art Unit	2624	
	(Use as many sh	eets as	necessary)	Examiner Name	J. B. Strege	
Sheet	17	of	19	Attorney Docket Number	38820-526002US	

	Simmons, "Subliminal Channels; Past and Present," ETT, vol. 5 No. 4, JulAug. 1994, pp. 45-59.
	Spice, "Police use lasers, computers to map scenes Town of Pewaukee's new system boost accuracy of reconstructions, users say" September 29, 1998. Milwaukee Journal Sentinel. Page 2.
	Straight Through Processing: Migration Assessment for Series II Clients Computer Sciences Corporation, pgs. 6, 2003. (g50)
	Supplemental European Search Report dated 7/20/06, from EP Application No. 02805980 (Corresponding to PCT/US02/41681; Published as WO03/056507).
	Szepanski, "A Signal Theoretic Method For Creating Forgery-Proof Documents For Automatic Verification", 1979 Carnahan Conference on Crime Countermeasures, University of Kentucky, Lexington, Kentucky, May 16-18, 1979, pp. 101-109.
	Szepanski, "Additive Binary Data Transmission for Video Signals," Papers Presented at Conf. Of Comm. Engineering Soc. Sept. 30 - Oct. 3, 1980, Technical Reports Vol. 74, 342-352.
	Tanaka et al., "A Visual Retrieval System with Private Information for Image Database," Proceeding International Conference on DSP Applications and Technology, Oct. 1991, pp. 415-421.
·	Tanaka et al., "Embedding Secret Information into a Dithered Multi-Level Image," Proc. IEEE Military Comm. Conf., Sep. 1990, pp. 216-220.
	Tanaka et al., "New Integrated Coding Schemes for Computer-Aided Facsimile," Proc. IEEE, Int'l Conf. on Sys. Integration, Apr. 1990, pp. 275-281.
	Tanaka, "Embedding the Attribute Information Into a Dithered Image," Systems and Computers in Japan, vol. 21, No. 7, 1990, pp. 43-50.
	Tirkel et al., "Electronic Water Mark," DICTA-93, Macquarie University, Sydney, Australia, Dec., 1993, pp. 666-673.
	Toga et al., "Registration Revisited," Journal of Neuroscience Methods, 48 (1993), pp. 1-13.
	Trademark for @Fault, accessed from uspto gov on February 8, 2006
	Traynor, "The Effects of Varying Safety Conditions on the External Costs of Driving," Winter, 1994 Eastern Economic Journal, Vol. 20 No.1 pages 45-60.
	U.S. Patent and Trademark Office, "Communication" for 09/969,027 mailed January 11, 2008, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09,969,534 mailed April 15, 2008
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,015 mailed June 1, 2006, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,016 mailed March 21, 2006, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,016 mailed May 3 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,016 March 17, 2008

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

Substit	ute for form 1449/PTO			Complete if Known		
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ST	ATEMENT	BY A	APPLICANT	First Named Inventor	James V. Howard	
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1		
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed April 16, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed March 1, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed May 9, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,017 mailed October 11, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed December 4, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed January 26, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed June 2, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,018 mailed June 21, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,019 mailed April 28, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,019 mailed February 27, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,019 mailed June 1, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,020 mailed July 5, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,021 mailed February 27, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,021 mailed January 8, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,021 mailed March 8, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,022 mailed April 6, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,024 mailed January 31, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,024 mailed June 1, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,024 mailed May 23, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,027 mailed June 20, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,027	

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

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Sheet	19	of	19	Attorney Docket Number 38820-526002US		

	mailed March 3, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,146 mailed February 28, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,146 mailed October 5, 2007	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,146 mailed September 22, 2006	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,516 mailed August 10, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,516 mailed November 14, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,534 mailed February 17, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,534 mailed May 30, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,534 mailed May 30, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,536 mailed March 24, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,545 mailed March 23, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,545 mailed October 18, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969,546 mailed March 21, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/969/017 mailed May 9, 2007, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 09/970,161 mailed March 23, 2006, available in PAIR	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/238,019 mailed January 11, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/238,029 mailed December 13, 2007	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/238,029 mailed May 12, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/238,981 mailed January 25, 2008	
`	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,623 mailed January 25, 2008	
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,623 mailed March 7, 2007, available in PAIR	

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

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Sheet	20	of	19	Attorney Docket Number 38820-526002US		

	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,628 mailed March 27, 2008
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,628 mailed October 10, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,803 mailed October 5, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,804 mailed October 3, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,858 mailed December 13, 2007
,	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,858 mailed June 29, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,864 mailed March 27, 2008
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,864 mailed October 4, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,866 mailed June 21, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,866 mailed May 5, 2008
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,873 mailed September 20, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,908 mailed March 21, 2008
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,908 mailed October 4, 2007, available in PAIR
	U.S. Patent and Trademark Office, "Communication" for U.S. Application No. 10/306,909 mailed October 5, 2007, available in PAIR
	U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004
	U.S. Patent Application No. 09/741,779, filed December 21, 2000.
	U.S. Patent Application No. 60/456,677, filed March 21, 2003.
	U.S. Patent Application No. 60/459,284, filed March 31, 2003.
	U.S. Patent Application No. 60/463,659, filed April 16, 2003.
	U.S. Patent Application No. 60/463,660, filed April 16, 2003.
	U.S. Patent Application No. 60/488,536, filed July 17, 2003.
	U.S. Patent Application No. 60/494,660, filed August 8, 2003.
	Unisys Selects Identix for Department of Defense Research on Three Dimensional Facial Recognition," Press Release, July 29, 2003, 3 pages.
	Utzaeider, James, "Microsoft Transaction Server and Internet Information Server: Technology for the Web," Microsft Corp., pg. 15, February 6, 1998. (f44)

Box 1: EV869900385US Box 2: EV869900399US Box 3:EM067723310US Box 4:EM067723323US Attorney Docket No.: 38820-526002US Date of Deposit: January 15, 2010

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Sheet	21	of	19	Attorney Docket Number 38820-526002US		

van Schyndel et al., "A Digital Watermark," IEEE International Conference on Image Processing, Nov. 13-16, 1994, pp. 86-90.
W. Rankl and W. Effing, "Smart Card Hand Book" 1997, John Wiley & Sons, pp. 35-40.
Wagner, "Fingerprinting," 1983 IEEE, pp. 18-22.
Walton, "Image Authentication for a Slippery New Age," Dr. Dobb's Journal, Apr. 1995, pp. 18-26, 82-87.
Warland et al., "High-Performance Communication Networks, <i>Economics</i> , Chapter 8 through 8.2.1:361-369 (1996)
Watt & Policarpo, "The Computer Image", Addison Wesley, pps. 247-249 (1998)
Wayne Electronics, Inc., What is Facelt? Accessed 10/10/2002, 5 pages.
Weber et al., "Correlative Image Registration," Seminars in Nuclear Medicine, vol XXIV, No. 4, Oct., 1994, pp. 311-323.
Willems, "Biometrics: Detecting the 'Goats'," Speech Technology Magazine, 10/9/03, 6 pages
Wise, "The History of Copyright, Photographers' Rights Span Three Centuries," PHOTO>Electronic Imaging, vol. 37, No. 6, 1994.
 WO02/052499 search report, dated August 30, 2002
WO02/052499 Written Opinion, dated March 18, 2004

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